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$$\frac{1}{a} - \frac{1}{b} = 2$$

$$\frac{1}{a} + \frac{1}{b} = 8$$

Given the system above, what is the value of  $a + b$ ?

A)  $\frac{1}{15}$

B)  $\frac{1}{8}$

C)  $\frac{8}{15}$

D)  $\frac{8}{5}$

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If one proofreader takes  $n$  hours to edit 30 pages and another takes  $m$  hours to edit 50 pages, and together they can edit  $x$  pages per hour, which of the following equations must be true?

A)  $\frac{30}{n} + \frac{50}{m} = x$

B)  $\frac{30}{n} + \frac{50}{m} = \frac{1}{x}$

C)  $\frac{n}{30} + \frac{m}{50} = x$

D)  $\frac{n}{30} + \frac{m}{50} = \frac{1}{x}$